EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L24 | 3 | "7100870" | US-PGPUB; USPAT | OR | ON | 2009/01/05 10:11 |
| L25 | 23 | ("20030015982" \| "20030127569" \| "3958779" \| "4544052" \| "4575027" \| "4608527" \| "4637272" \| "4877120" \| "4885939" \| "4932613" \| "4979700" \| "5071397" \| "5120285" \| "5144851" \| "5518466" \| "5779587" \| "5947246" \| "6231012" \| "6260799" \| "6443034" \| "6705570" \| "6860452").PN. OR ("7100870").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/05 10:11 |
| L26 | 56 | ((input or motor) near (shaft or spindle member)) same (((sun) near (gear$3 wheel)) and ((planet $3) near (gear$3 wheel)) and ((orbit$3) near (gear$3 wheel))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/01/05 10:14 |
| S1 | 660 | (Linear adj actuator).ti. | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:19 |
| S2 | 5284 | (reversible adj electric adj motor) | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:49 |
| S3 | 18 | S2 and (linear adj actuator).ti. | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:49 |
| S4 | 98 | (overload adj clutch).ti. | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:50 |
| S5 | 5 | S4 and actuator | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:52 |
| S6 | 12024 | (torque near limit$3) | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:53 |
| S7 | 907 | (torque near limit$3 near clutch) | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:53 |
| S8 | 620 | (torque adj limit$3 adj clutch) | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:53 |
| S9 | 141 | S8 and actuator | US-PGPUB; USPAT | OR | ON | 2008/06/12 08:54 |

| S10 | 470 | (ball near S2 ratchet) adj clutch | US-PGPUB; USPAT | OR | ON | 2008/06/12 09:03 |
|---|---|---|---|---|---|---|
| S11 | 135 | S10 and actuator | US-PGPUB; USPAT | OR | ON | 2008/06/12 09:03 |
| S12 | 101378 | actuator.ti. | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/12 09:35 |
| S15 | 43 | S12 and (ball near clutch) | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/12 09:39 |
| S17 | 305 | 74/89.38.ccls. | US-PGPUB; USPAT | OR | ON | 2008/06/12 09:46 |
| S18 | 163 | 74/89.39.ccls. | US-PGPUB; USPAT | OR | ON | 2008/06/12 09:50 |
| S19 | 4 | ("2531109" \| "4846011" \| "6202803" \| "6332518").PN. | US-PGPUB; USPAT | OR | ON | 2008/06/12 09:51 |
| S20 | 277 | 74/89.37.ccls. | USPAT | OR | ON | 2008/06/12 09:58 |
| S21 | 4 | "10327736" | EPO; JPO; DERWENT | OR | ON | 2008/06/12 10:12 |
| S22 | 9 | "1101571" | EPO; JPO; DERWENT | OR | ON | 2008/06/12 10:13 |
| S23 | 4 | "6259175" | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:15 |
| S24 | 15 | ("3951004" \| "4241814" \| "4318304" \| "4602520" \| "4669325" \| "4679457" \| "4790201" \| "4858481" \| "5090513" \| "5388471" \| "5461935" \| "5620078" \| "5655636" \| "5809833" \| "6100609").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/12 10:15 |
| S25 | 1 | "20070169578" | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:25 |
| S27 | 18226 | actuator.ti. | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:52 |
| S28 | 1349 | S27 and clutch | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:53 |
| S29 | 1026 | S28 and motor | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:53 |
| S30 | 454 | S29 and ball$1 | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:54 |

| S31 | 225 | S30 and (potentiometer or sensor) | US-PGPUB; USPAT | OR | ON | 2008/06/12 10:54 |
|---|---|---|---|---|---|---|
| S32 | 152 | 74/89.33.ccls. | USPAT | OR | ON | 2008/06/12 11:02 |
| S33 | 18 | "2,660,281" | US-PGPUB; USPAT | OR | ON | 2008/06/12 12:32 |
| S34 | 43 | actuator.ti. and (clutch near ball) | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/12 12:37 |
| S35 | 23 | "4635904" | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/12 13:26 |
| S36 | 16 | "3898817" | US-PGPUB; USPAT | OR | ON | 2008/06/12 13:46 |
| S37 | 8 | "1101571" | DERWENT | OR | ON | 2008/06/12 14:09 |
| S38 | 17 | "5,090,513" | US-PGPUB; USPAT | OR | ON | 2008/06/12 16:15 |
| S39 | 16 | (US-20070169578-$).did. or (US-4679451-$ or US-4712441-$ or US-4790201-$ or US-6101889-$ or US-3312916-$ or US-3258985-$ or US-2398841-$ or US-2441505-$ or US-2479019-$ or US-4858481-$ or US-6259175-$ or US-2660281-$ or US-4548305-$ or US-3898817-$ or US-4635904-$).did. | US-PGPUB; USPAT | OR | ON | 2008/06/12 16:40 |
| S40 | 3 | S39 and potentiometer | US-PGPUB; USPAT | OR | ON | 2008/06/12 16:41 |
| S41 | 890 | actuator.ti. and potentiometer | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/06/12 17:18 |
| S43 | 178 | S6 and actuator.ti. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:51 |
| S44 | 3030 | S6 and actuator | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:51 |
| S45 | 24 | S43 and crank | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:51 |
| S46 | 20 | ("3817493" \| "4067543").PN. OR ("4635904").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/16 08:08 |

| S47 | 68 | 192/56.62.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/16 11:08 |
|-----|-----|-----|-----|-----|-----|-----|
| S48 | 1 | "2531109" | US-PGPUB; USPAT | OR | ON | 2008/12/30 09:37 |
| S49 | 592 | 74/89.23.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:23 |
| S50 | 183 | 74/424.71.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:24 |
| S51 | 306 | 74/89.38.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:24 |
| S52 | 278 | 74/89.37.ccls. | USPAT | OR | ON | 2008/12/30 10:24 |
| S53 | 162 | (S49 or S50 or S51 or S52) and clutch | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:24 |
| S54 | 38 | (S49 or S50 or S51 or S52) and (ball with clutch) | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:24 |
| S55 | 21 | ("3817493" \| "4067543").PN. OR ("4635904").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/30 10:31 |
| S58 | 10 | ("2479019" \| "2531109" \| "4548305" \| "4635904" \| "4712441" \| "4846011" \| "5195721" \| "6202803" \| "6259175" \| "6332518").PN. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:33 |
| S59 | 25 | ("2620683" \| "3898817" \| "3898890" \| "4318304" \| "4459867" \| "4603594" \| "4697672" \| "4745815" \| "4762205" \| "4887479" \| "4909364" \| "4980591" \| "5092539" \| "5199538" \| "5299666" \| "5582390" \| "5630490" \| "5655636" \| "5950774").PN. OR ("6202803").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/30 10:35 |

| S60 | 18 | ("3951004" \| "4241814" \| "4318304" \| "4602520" \| "4669325" \| "4679457" \| "4790201" \| "4858481" \| "5090513" \| "5388471" \| "5461935" \| "5620078" \| "5655636" \| "5809833" \| "6100609").PN. OR ("6259175").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/30 10:39 |
| S62 | 35 | 475/157.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:56 |
| S63 | 409 | 475/231.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:56 |
| S64 | 96 | 475/233.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:58 |
| S65 | 55 | 475/240.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:59 |
| S66 | 102 | 475/283.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/30 10:59 |
| S67 | 414 | actuator.ti. and (planetary near gear $3) | US-PGPUB; USPAT | OR | ON | 2008/12/30 11:00 |
| S68 | 206 | actuator.ti. and (planetary near gear $3) and clutch | US-PGPUB; USPAT | OR | ON | 2008/12/30 11:00 |
| S69 | 7 | S50 and planetary | US-PGPUB; USPAT | OR | ON | 2008/12/30 11:08 |
| S71 | 1260 | "475"/$.ccls. and actuator same clutch | US-PGPUB; USPAT | OR | ON | 2008/12/30 11:12 |
| S73 | 95 | "475"/$.ccls. and actuator.ti. and clutch | US-PGPUB; USPAT | OR | ON | 2008/12/30 11:12 |
| S74 | 336 | (planetary near gear $3) and (linear near actuator) | US-PGPUB; USPAT | OR | ON | 2008/12/31 08:25 |
| S75 | 30 | ("2430940" \| "2721721" \| "2930571" \| "3038352" \| "3113473" \| "3248579" \| "3373528" \| "3374372" \| "3463951" \| "3469128" \| "3660704" \| "4393319" \| "4398109").PN. OR ("4563908").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/31 08:29 |

| S76 | 15271 | ((input or motor) near (shaft or spindle member)) same ((sun planetary) near (gear $3 wheel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/31 08:43 |
|-----|-------|-----|-----|-----|-----|-----|
| S78 | 190 | ((input or motor) near (shaft or spindle member)) same ((sun planetary) near (gear $3 wheel)) same ((overload or ball or torque) near clutch) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/12/31 08:44 |
| S79 | 592 | 74/89.23.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/31 08:53 |
| S80 | 183 | 74/424.71.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/31 08:53 |
| S81 | 306 | 74/89.38.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/31 08:53 |
| S82 | 278 | 74/89.37.ccls. | USPAT | OR | ON | 2008/12/31 08:53 |
| S83 | 36 | (S79 or S80 or S81 or S82) and ((sun planet $3) near (wheel gear $3)) | US-PGPUB; USPAT | OR | ON | 2008/12/31 08:53 |
| S84 | 98 | 74/89.41.ccls. | US-PGPUB; USPAT | OR | ON | 2008/12/31 08:55 |
| S85 | 13 | ("2479019").URPN. | USPAT | OR | ON | 2008/12/31 09:07 |
| S86 | 3 | D523880 | USPAT | OR | ON | 2008/12/31 09:13 |
| S87 | 6 | ("D333666" \| "D412918" \| "D458284" \| "D467950").PN. OR ("D523880").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/31 09:14 |
| S88 | 10 | ("5063808" \| "6056362").PN. OR ("D458284").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/31 09:16 |
| S89 | 4 | ("2441505").URPN. | USPAT | OR | ON | 2008/12/31 09:42 |
| S90 | 13 | (LEONARD near OCHTMAN).in. | USPAT | OR | ON | 2008/12/31 09:47 |

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